

SYLLABUS

1. Course title:

TILLAGE AND VEGETABLE FARMING

2. Code:**3. Cycle of study:**

1

4. ECTS credits:

6

5. Type of course: Mandatory Elective**6. Prerequisites:**

No prerequisites

7. Class restrictions:

No class restrictions

8. Duration / semester:

1

5

9. Weekly contact hours:

9.1. Lectures:

3

9.2. Seminars:

0

9.3. Laboratory/Practice classes:

2

10. Faculty:

Faculty of Technology

11. Department/study program:

Agronomy

12. Lecturer:

Besim Salkić, Ph.D. assistant professor

13. Lecturer's e-mail:

besimsalkic@hotmail.com

14. Web site:

www.tf.untz.ba

15. Course aims:

The objective of the module is to acquire basic knowledge in the field of tillage and vegetable growing.

16. Learning outcomes:

Adoption of general and specific knowledge of cultivated field crops and vegetables, cultivation specificity, modern techniques and cultivation technology, application of acquired knowledge in practice with the aim of contributing to the overall development of field crops and vegetable production.

17. Course content:

Tillage, concept and importance; Agroecology of field crop cultures; Agrotechnics of field crops; Classification of field crops; Raw or flaky grain, wheat, rye, barley, oats, triticale, corn, sorghum, millet, rice, buckwheat; Kernel, soybean, lupine, pea, field beans; Oil plants, sunflower, oiled rapeseed, castor oil, poppy; Yarn plants, cotton, hemp, linen, kenaf; Plants for the production of starch, sugar and alcohol, sugar beet, potatoes; Other industrial plants, tobacco; Botanical classification of vegetable plants; Alliaceae family, onions, black onions, white onions, apricot; Family Apiaceae, carrots, parsley, celery; Asteraceae family, salad, endive, chicory; Family Brassicaceae, cabbage, kale, cauliflower, broccoli; Cucurbitaceae family, cucumber, watermelon, melon, pumpkin; Chenopodiaceae family spinach, chard, beetroot; Familia Fabaceae, peas, green bean, broad bean; The family Solanaceae, tomato, pepper, eggplant, potatoes; Cultivated mushrooms champignons, oyster mushrooms, shiitake.

18. Learning methods:

The most important learning methods in the course are:

- Lectures with the use of multimedia resources, active learning techniques and with active participation and discussion of students;
- Auditive exercises;
- Field exercises
- Preparation and presentation of group and individual seminar papers.

19. Assessment methods:

After half of the semester, students take the writing test (first test), which includes previously treated topics with lectures and exercises. The test consists of 10 questions. Each answer is scored with 1 point, ie, at the first test a student can achieve a maximum of 10 points. After completing the semester, the students take a written test (second test) that covers the topics covered in the lectures and exercises from the second part of the semester. The test consists of 10 questions. Each answer is scored with 1 point, ie, at the first test a student can achieve a maximum of 10 points. All students take both tests on the course at the same time, thereby achieving uniformity of the level of knowledge that is being tested, as well as the conditions under which the student takes the exam.

As part of the prerequisites, students are required to prepare individual or group seminar work that will cover a specific topic from the content of the subject. Seminar paper is submitted to the subject teacher in writing or electronic form, for review and evaluation, and then presented orally. In the preparation and presentation of group seminar work all the students of the group participate, whose participation is valorized individually. For the seminar work, the student can achieve 0 to 5 points. Also, for a continuous activity in lectures throughout the semester, the student can achieve 0 to 5 points. After the completion of the exercise, a colloquium will be organized, and on the colloquium, students can earn 0 to 10 points. The final exam is oral. At the oral exam students answer five questions drawn from the program of the course, treated in lectures and exercises. An oral exam can be passed if the student answers all five questions. The maximum number of points a student can achieve on an oral exam is 49.

Checks on all forms of knowledge are recognized as a cumulative test if the result is positive after each individual check and is at least 50% of the total of the predicted and / or required knowledge and skills.

In order to pass the course, a student must have at least 54 cumulative points of which at least 25 points on the final oral exam.

20. Assessment components:

Student obligations	Points
Attendance at lectures	5
Attendance at exercises	5
Student activity	5
Seminar paper	5
Mini tests (I and II)	20
Colloquium	10
Final exam	50
Total	100

21. Required reading list:

1. Šarić, T.(1991) Opšte ratarstvo, NIP Zadrugar Sarajevo
2. Lešić Ružica. Borošić J., Butorac I., Čustić Mirjana, Poljak I., Romić D. (2002); Povrčarstvo. Zrinski, Čakovec

22. Web sources:**23. Applicable starting from the academic year:**

2016/2017

24. Adopted in the Faculty/Academy session: